Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, Kansas

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Net Electricity Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	435	82	110	0	241	351	0	20	– –	0	NA	NA	0	– –
1965	478	113	71	0	156	226	0	13	– –	0	NA	NA	0	– –
1970	344	168	175	0	385	560	0	7	– –	0	NA	NA	0	– –
1975	2,983	128	1,539	4	4,134	5,676	0	5	– –	0	NA	NA	0	– –
1980	10,034	101	382	0	492	875	0	8	– –	0	NA	NA	0	– –
1985	14,351	21	195	0	20	215	3,856	9	– –	0	0	(s)	0	– –
1990	15,018	27	130	0	22	152	7,874	13	– –	0	0	(s)	0	– –
1995	16,345	28	150	0	1	151	10,062	11	– –	0	0	(s)	0	– –
1996	18,852	23	176	0	155	331	8,205	11	– –	0	0	0	0	– –
1997	17,534	26	163	0	89	252	8,430	14	– –	0	0	0	(s)	– –
1998	17,627	37	294	0	4	298	10,411	11	– –	0	0	0	4	– –
1999	18,888	36	293	0	339	632	9,157	12	– –	0	0	0	-7	– –
2000	20,699	34	269	0	533	803	9,061	15	– –	0	0	0	0	– –
2001	20,150	23	193	0	976	1,169	10,347	26	– –	0	0	40	0	– –
2002	22,660	21	121	0	802	923	9,042	13	– –	0	0	467	0	– –
2003	22,580	14	147	0	1,528	1,675	8,890	12	– –	0	0	366	0	– –
2004	22,139	10	105	0	1,510	1,615	10,133	13	– –	0	0	359	(s)	– –
2005	22,046	14	135	0	1,722	1,857	8,821	11	– –	0	0	426	(s)	– –
2006	20,874	22	122	0	0	122	9,350	10	– –	0	0	992	0	– –
2007	22,780	26	94	376	0	470	10,369	11	– –	0	0	1,153	(s)	– –
2008	21,616	27	91	258	0	349	8,497	11	– –	0	0	1,759	0	– –
2009	20,783	32	86	268	0	353	8,769	13	– –	0	0	2,863	(s)	– –
2010	20,965	28	98	199	0	296	9,556	13	– –	0	0	3,405	0	– –
2011	20,129	31	86	66	0	152	7,319	15	– –	0	0	3,720	0	– –
2012	17,759	33	78	0	0	78	8,285	10	– –	0	0	5,195	0	– –
2013	18,915	23	109	0	0	109	7,168	15	– –	0	0	9,433	0	– –
2014	18,199	18	116	0	0	116	8,558	16	– –	0	0	10,845	0	– –
2015	15,851	15	110	0	0	110	8,630	19	– –	0	2	10,999	0	– –
2016	14,587	20	66	0	0	66	8,246	31	– –	0	2	14,111	0	– –
							Trillion Btu							
1960	10.3	85.1	0.6	0.0	1.5	2.2	0.0	0.2	0.0	0.0	NA	NA	0.0	97.8
1965	11.6	112.4	0.4	0.0	1.0	1.4	0.0	0.1	0.0	0.0	NA	NA	0.0	125.5
1970	8.3	167.5	1.0	0.0	2.4	3.4	0.0	0.1	0.0	0.0	NA	NA	0.0	179.4
1975	59.5	126.7	9.0	(s)	26.0	35.0	0.0	(s)	0.0	0.0	NA	NA	0.0	221.2
1980	184.3	97.0	2.2	0.0	3.1	5.3	0.0	0.1	0.0	0.0	NA	NA	0.0	286.7
1985	251.7	20.5	1.1	0.0	0.1	1.3	41.0	0.1	0.0	0.0	0.0	(s)	0.0	314.5
1990	267.9	27.1	0.8	0.0	0.1	0.9	83.3	0.1	0.0	0.0	0.0	(s)	0.0	379.4
1995	285.5	27.6	0.9	0.0	(s)	0.9	105.7	0.1	0.0	0.0	0.0	(s)	0.0	419.8
1996	332.5	22.7	1.0	0.0	1.0	2.0	86.2	0.1	0.0	0.0	0.0	0.0	0.0	443.5
1997	307.5	25.5	0.9	0.0	0.6	1.5	88.5	0.1	0.0	0.0	0.0	0.0	(s)	423.1
1998	306.7	37.1	1.7	0.0	(s)	1.7	109.2	0.1	0.0	0.0	0.0	0.0	(s)	454.8
1999	326.5	36.3	1.7	0.0	2.1	3.8	95.7	0.1	0.0	0.0	0.0	0.0	(s)	462.4
2000	359.3	33.9	1.6	0.0	3.4	4.9	94.5	0.2	0.0	0.0	0.0	0.0	0.0	492.8
2001	350.8	23.5	1.1	0.0	6.1	7.3	108.1	0.3	0.0	0.0	0.0	0.4	0.0	490.3
2002	387.4	21.4	0.7	0.0	5.0	5.7	94.4	0.1	0.0	0.0	0.0	4.7	0.0	513.8
2003	385.6	14.5	0.9	0.0	9.6	10.5	92.6	0.1	0.0	0.0	0.0	3.7	0.0	507.1
2004	380.5	10.5	0.6	0.0	9.5	10.1	105.7	0.1	0.0	0.0	0.0	3.6	(s)	510.5
2005	374.8	14.2	0.8	0.0	10.8	11.6	92.1	0.1	0.0	0.0	0.0	4.3	(s)	497.1
2006	358.5	22.8	0.7	0.0	0.0	0.7	97.6	0.1	0.0	0.0	0.0	9.8	0.0	489.6
2007	390.6	26.1	0.5	2.2	0.0	2.7	108.8	0.1	0.0	0.0	0.0	11.4	(s)	539.6
2008	367.8	27.1	0.5	1.5	0.0	2.0	88.8	0.1	0.0	0.0	0.0	17.3	0.0	503.1
2009	353.6	32.5	0.5	1.5	0.0	2.0	91.7	0.1	0.0	0.0	0.0	27.9	(s)	507.9
2010	357.3	28.4	0.6	1.1	0.0	1.7	99.9	0.1	0.6	0.0	0.0	33.2	0.0	521.1
2011	344.0	31.0	0.5	0.4	0.0	0.9	76.6	0.1	0.7	0.0	0.0	36.1	0.0	489.5
2012	305.6	33.2	0.5	0.0	0.0	0.5	86.8	0.1	0.6	0.0	0.0	49.4	0.0	476.2
2013	324.8	23.7	0.6	0.0	0.0	0.6	74.9	0.1	0.9	0.0	0.0	90.0	0.0	515.0
2014	313.6	18.8	0.7	0.0	0.0	0.7	89.5	0.2	0.8	0.0	0.0	103.1	0.0	526.7
2015	270.7	15.3	0.6	0.0	0.0	0.6	90.3	0.2	0.7	0.0	(s)	102.5	0.0	480.2
2016	250.8	21.1	0.4	0.0	0.0	0.4	86.2	0.3	0.7	0.0	(s)	130.3	0.0	489.9

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.